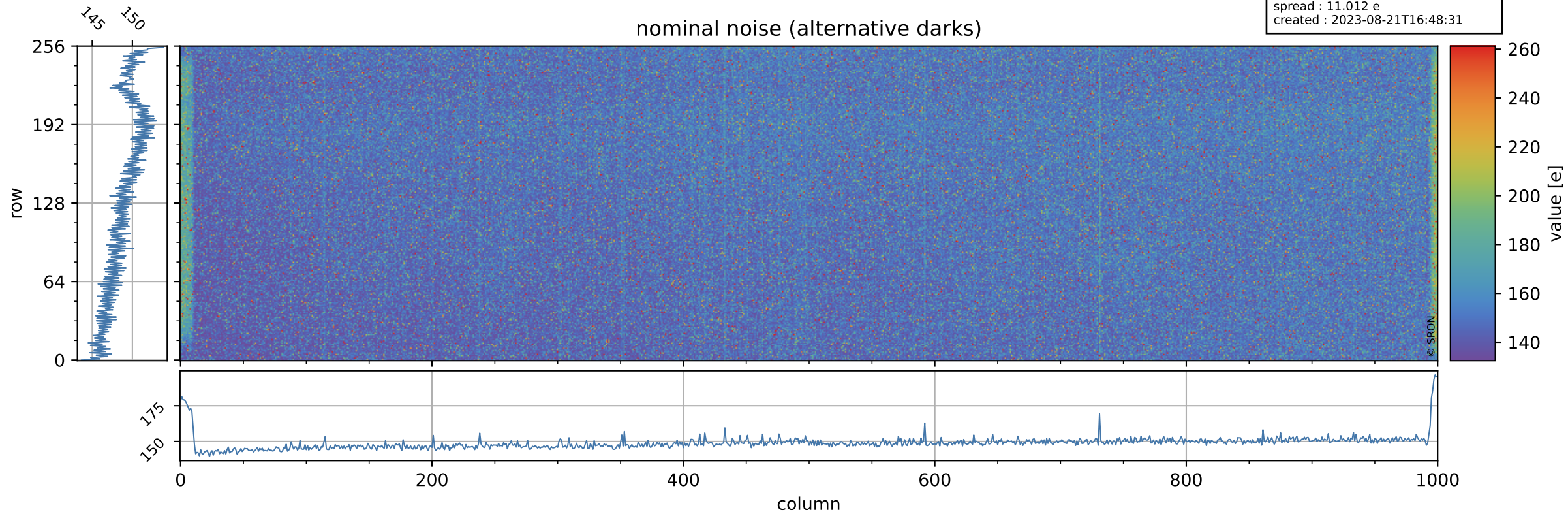


# Tropomi SWIR background noise (swir)

orbits : 12 in [26272, 26362]  
coverage : 2022-11-08 / 2022-11-14  
n\_coad, t\_exp : 1, 1.0783  
median : 148.8 e  
spread : 11.012 e  
created : 2023-08-21T16:48:31

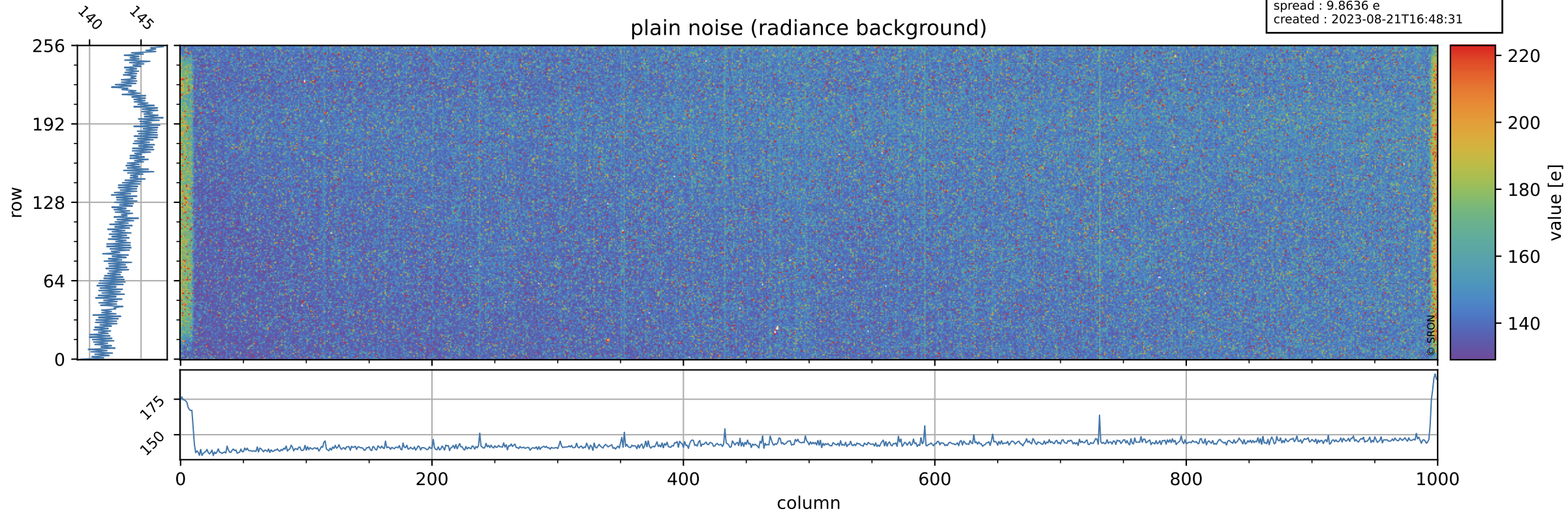
## nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [26272, 26362]  
coverage : 2022-11-08 / 2022-11-14  
n\_coad, t\_exp : 1, 0.8383  
median : 143.52 e  
spread : 9.8636 e  
created : 2023-08-21T16:48:31

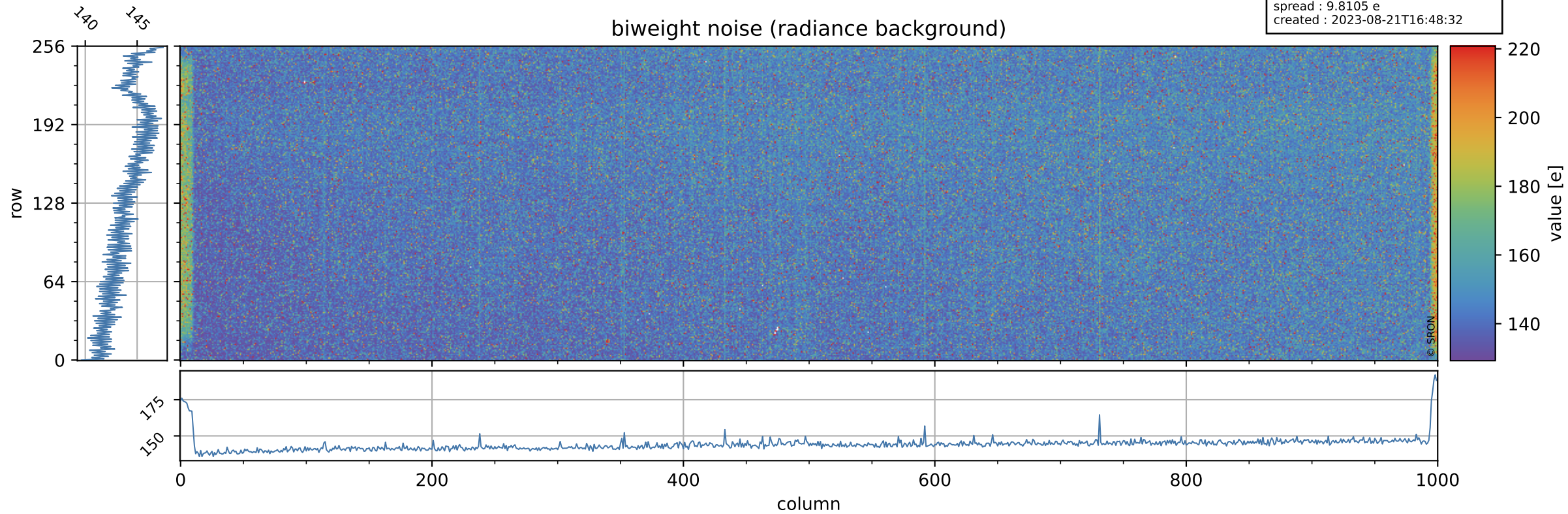
## plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [26272, 26362]  
coverage : 2022-11-08 / 2022-11-14  
n\_coad, t\_exp : 1, 0.8383  
median : 143.86 e  
spread : 9.8105 e  
created : 2023-08-21T16:48:32

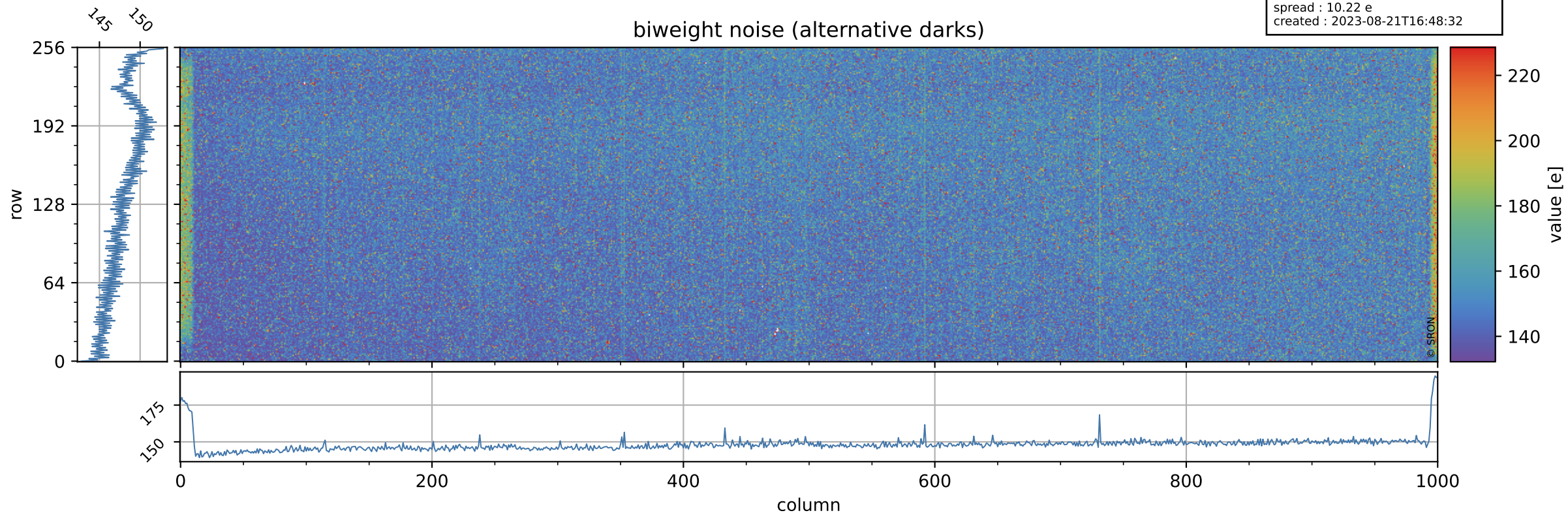
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [26272, 26362]  
coverage : 2022-11-08 / 2022-11-14  
n\_coad, t\_exp : 1, 1.0783  
median : 147.83 e  
spread : 10.22 e  
created : 2023-08-21T16:48:32

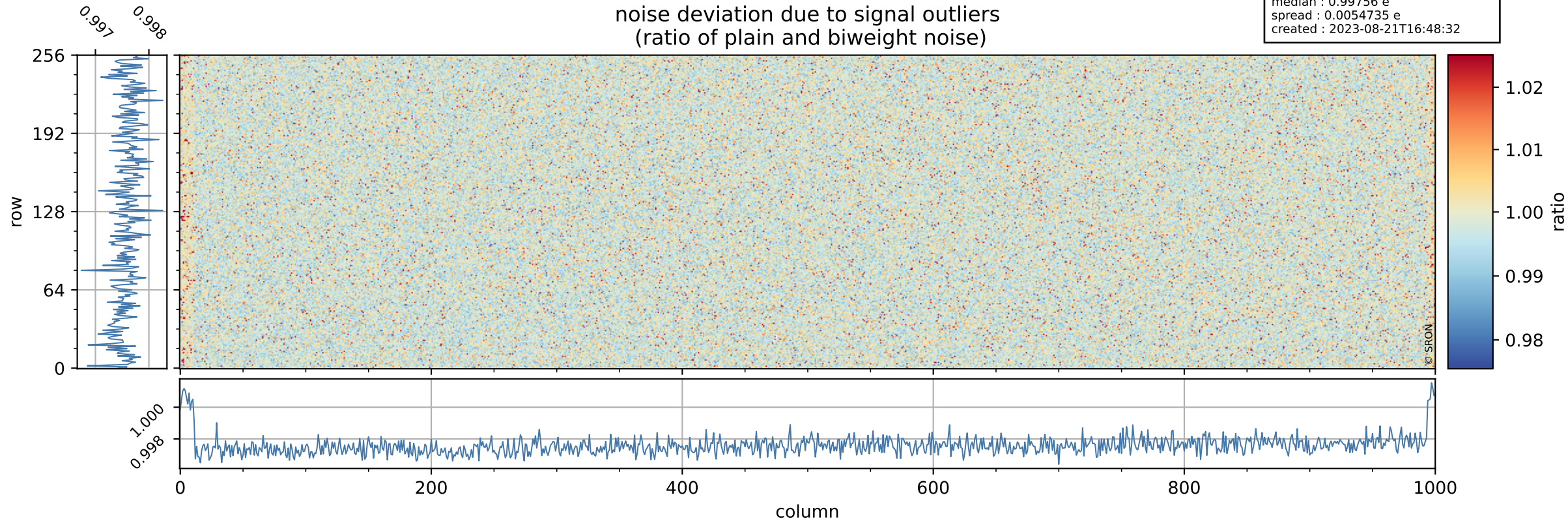
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

noise deviation due to signal outliers  
(ratio of plain and biweight noise)

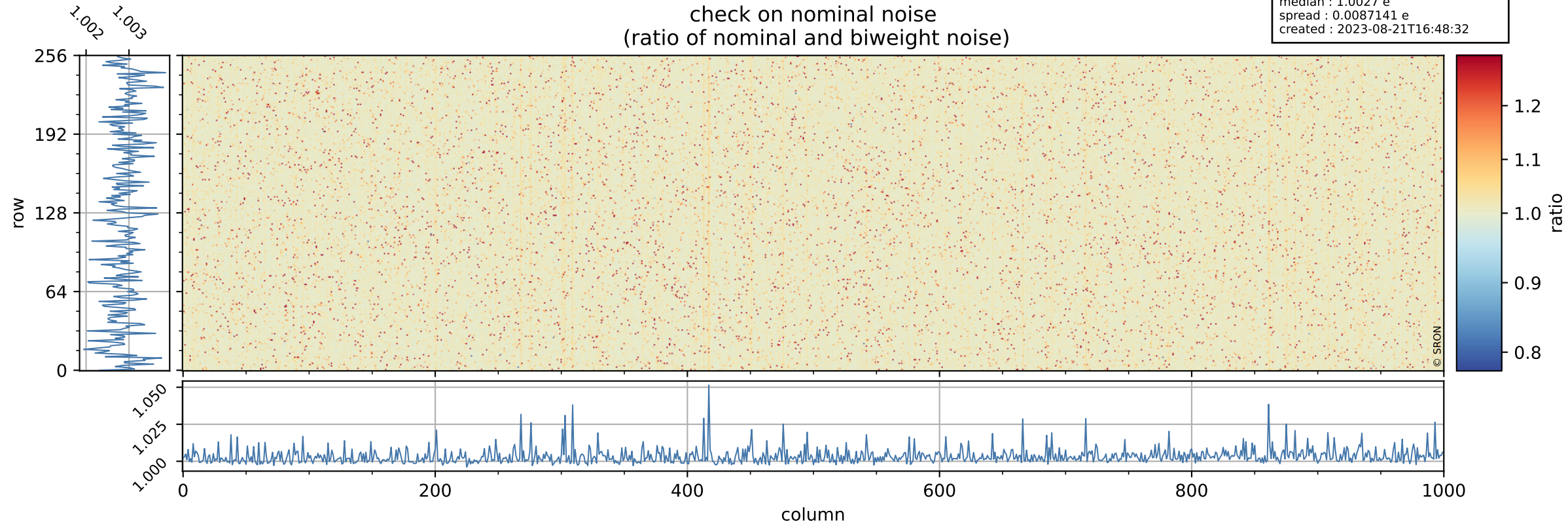
orbits : 12 in [26272, 26362]  
coverage : 2022-11-08 / 2022-11-14  
median : 0.99756 e  
spread : 0.0054735 e  
created : 2023-08-21T16:48:32



# Tropomi SWIR background noise (swir)

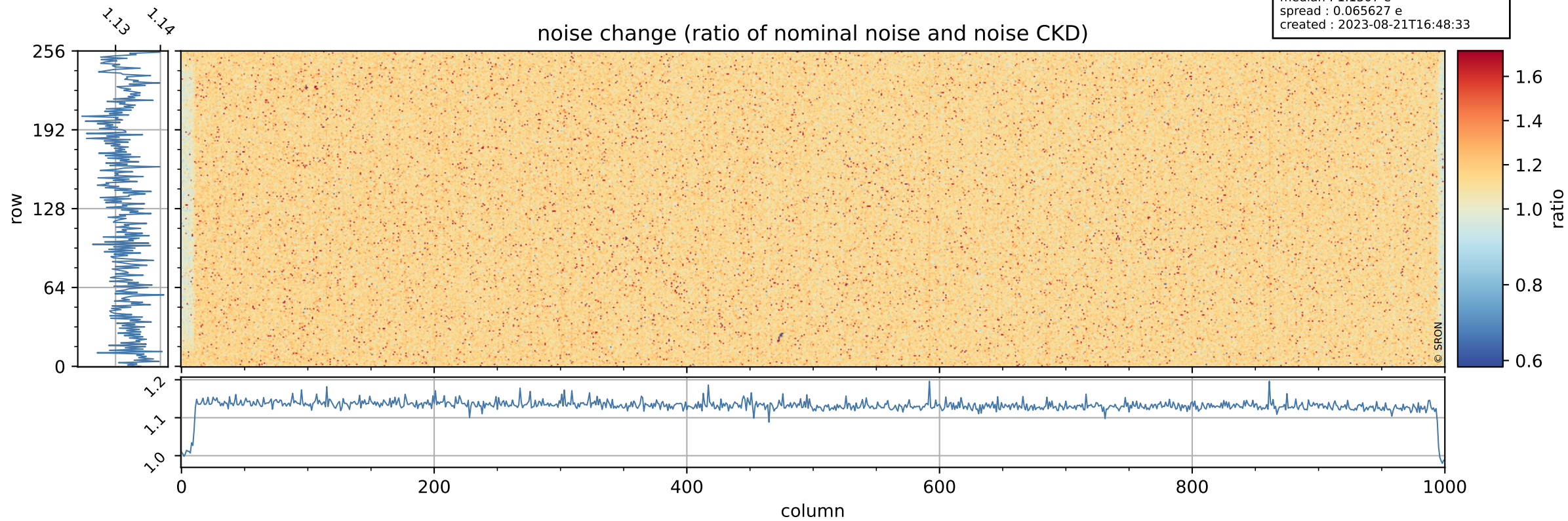
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [26272, 26362]  
coverage : 2022-11-08 / 2022-11-14  
median : 1.0027 e  
spread : 0.0087141 e  
created : 2023-08-21T16:48:32



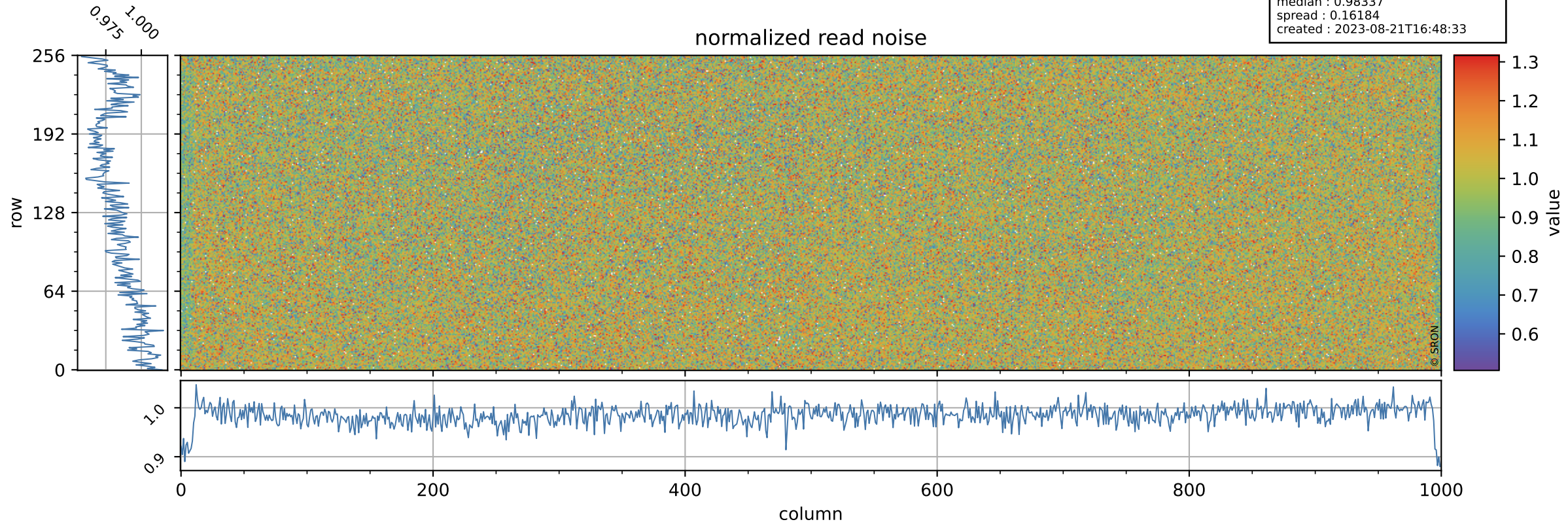
# Tropomi SWIR background noise (swir)

orbits : 12 in [26272, 26362]  
coverage : 2022-11-08 / 2022-11-14  
median : 1.1307 e  
spread : 0.065627 e  
created : 2023-08-21T16:48:33



# Tropomi SWIR background noise (swir)

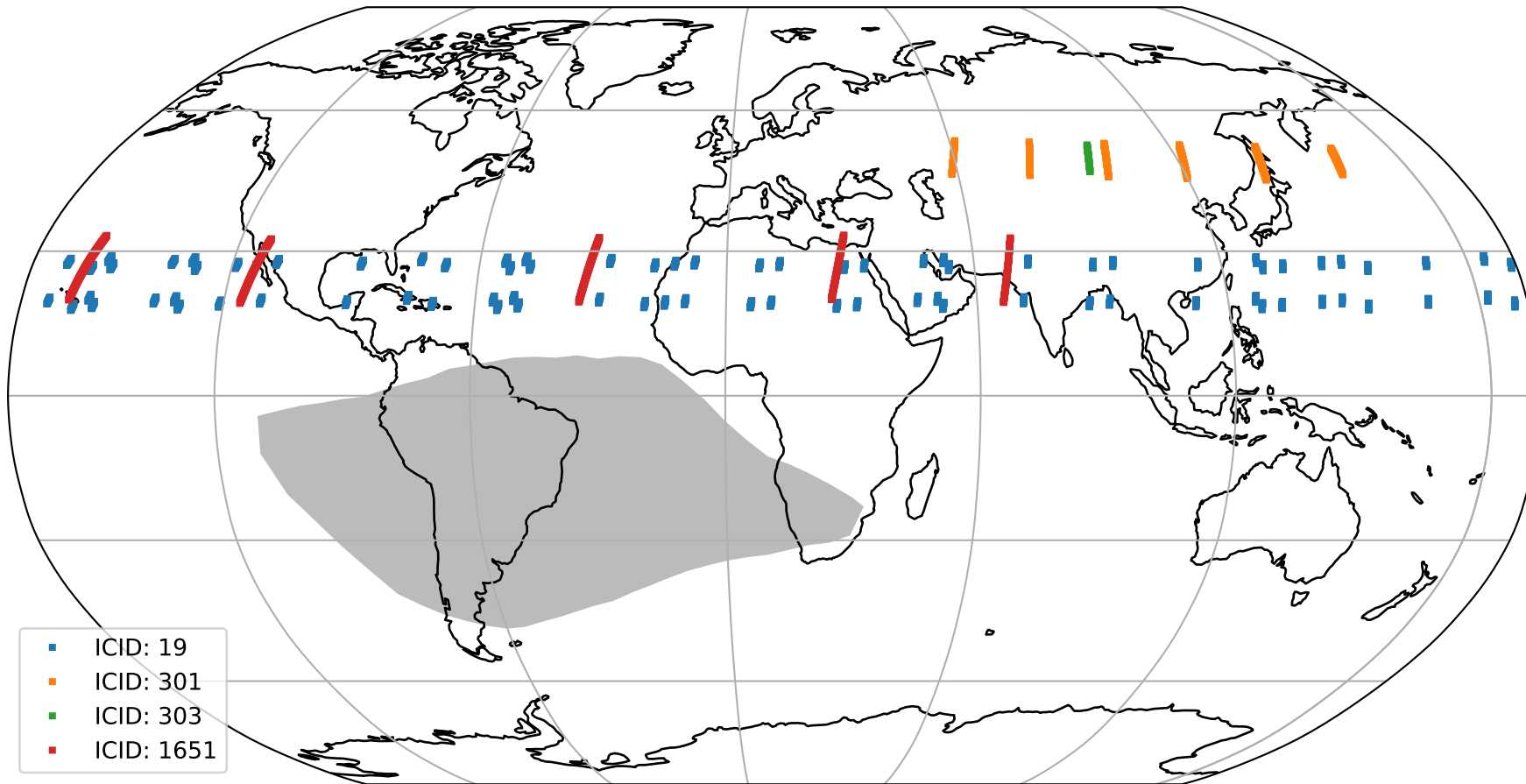
orbits : 12 in [26272, 26362]  
coverage : 2022-11-08 / 2022-11-14  
median : 0.98337  
spread : 0.16184  
created : 2023-08-21T16:48:33





# Tropomi SWIR background noise (swir) ground-tracks of Sentinel-5P

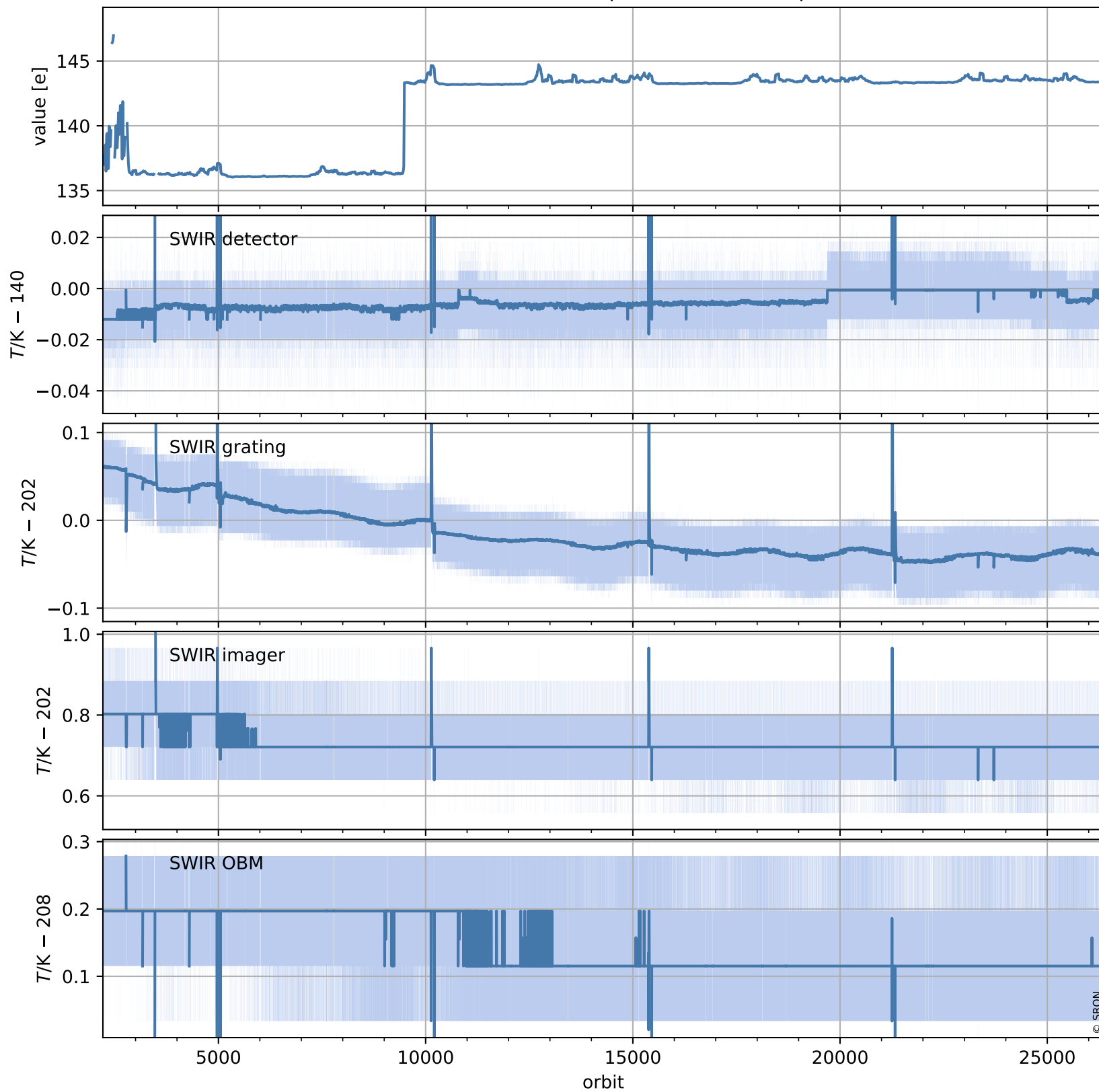
orbits : 12 in [26272, 26362]  
coverage : 2022-11-08 / 2022-11-14  
created : 2023-08-21T16:48:33



# Tropomi SWIR background noise (swir)

orbits : [2212, 26362]  
coverage : 2018-03-18 / 2022-11-14  
created : 2023-08-21T16:48:34

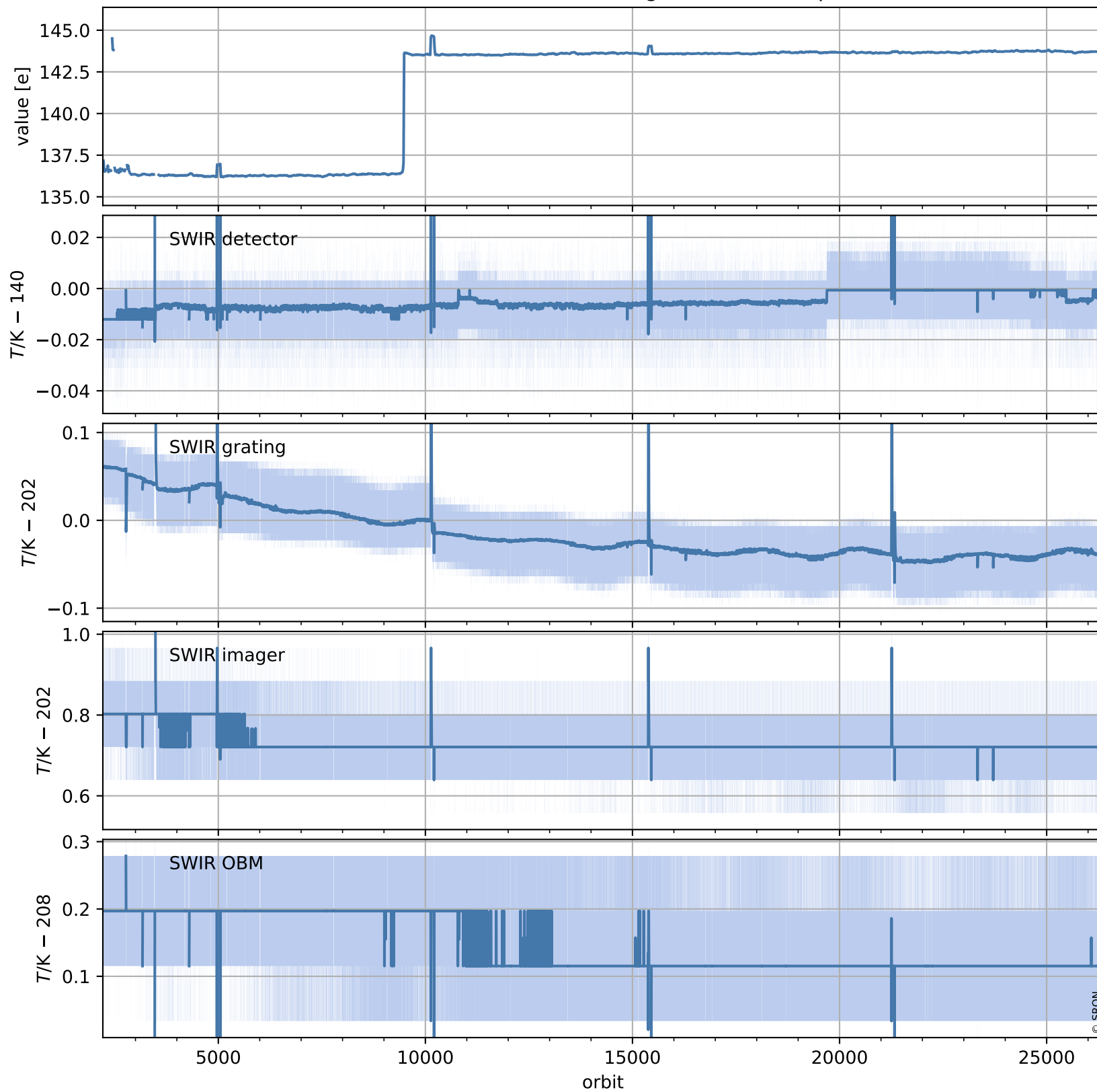
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 26362]  
coverage : 2018-03-18 / 2022-11-14  
created : 2023-08-21T16:48:34

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 26362]  
coverage : 2018-03-18 / 2022-11-14  
created : 2023-08-21T16:48:35

## trend of normalized read-noise & temperatures

